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| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
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| 09/426,878 | 10/26/1999 | JUN HORIYAMA | 35.C13969 | 2477 |

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EXAMINER

NGUYEN, PHUOC H

ART UNIT PAPER NUMBER

2143

DATE MAILED: 01/15/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/426,878

Applicant(s)

HORIYAMA, JUN

Examiner

Phuoc H. Nguyen

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 13 September 2002.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 24-59 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 24-59 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on _____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) _____.
- 4) ☐ Interview Summary (PTO-413) Paper No(s). _____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____.

DETAILED ACTION

Response to Amendment

1. This action is responsive to amendment filed 09/13/2002.
2. Claims 1-23 are cancel.
3. Claims 24-59 are pending in the application.

Response to Arguments

4. Applicant's arguments with respect to claims 24-59 have been considered but are moot in view of the new ground(s) of rejection.

Claim Rejections - 35 USC § 102

5. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

6. Claims 24-59 rejected under 35 U.S.C. 102(b) as being anticipated by Flowers, Jr. et al. U.S. Patent 5,533,174.
7. Referring to claims 24,31,32,33,40,41,42,49,50,51,58, and 59, Flowers reference disclose a reference unit adapted to refer to font registration information that includes information specifying a font, wherein the font registration information is retained in the management apparatus (col. 2, lines 59-59; and col. 3, 2nd paragraph); a display control unit adapted to control a display unit to display information based on the font registration information referred to by said reference unit (col. 3, lines 25-30; col. 4, lines 22-36; col. 5, lines 6-16; and col. 5, lines 25-39); a font registration unit adapted to download font data to the printing apparatus for registration (Fig.

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2; and col. 6, lines 6-23); and a transmission unit adapted to transmit registration information, indicating the font data downloaded by said font registration unit, to the management apparatus so as to update the font registration information retained in the management apparatus, based on the registration information (col. 3, lines 39-46; and col. 6, lines 54-65).

8. Referring to claims 25,34,43, and 52, Flowers reference disclose an instruction unit adapted to send a delete instruction to the printing apparatus to delete the font data registered in the printing apparatus, wherein the font registration information retained in the management apparatus is updated in response to deletion of the font data, in accordance with the delete instruction (col. 3, lines 39-46; col. 6, lines 54-65; and col. 10, lines 19-64).

9. Referring to claims 26,35,44, and 53, Flowers reference disclose a specifying unit adapted to specify information on a font to be downloaded, based on the font registration information referred to by said reference unit (col. 6, 2nd paragraph; and col. 9, lines 30-44).

10. Referring to claims 27,36,45, and 54, Flowers reference disclose font registration unit collectively downloads the font data to a plurality of printing apparatuses for registration (Fig. 1; and col. 13, lines 25-62).

11. Referring to claims 28,37,46, and 55, Flowers reference disclose a specifying unit adapted to specify information on a font to be registered in the printing apparatus, based on the font registration information referred to by said reference unit (Fig. 1; Fig. 2; and Fig. 5).

12. Referring to claims 29,38,47, and 56, Flowers reference disclose the font registration information indicates a printer name and a font name in combination for each of a plurality of printing apparatuses (Abstract; col. 3, lines 31-46; and col. 4, last paragraph through col. 5, 1st paragraph), said specifying unit specifies information on a font to be downloaded to each

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printing apparatus, based on the font registration information (col. 6, 2nd paragraph; and col. 9, lines 30-44), and said font registration unit collectively downloads the font data to the plurality of printing apparatuses for registration, in response to specification of the information by said specifying unit (Fig. 1; and col. 13, lines 25-62).

13. Referring to claims 30,39,48, and 57, Flowers reference disclose the font registration information includes information that indicates a printer name and a font name (Abstract; col. 3, lines 31-46; and col. 4, last paragraph through col. 5, 1st paragraph).

Conclusion

14. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Morgan et al. U.S. Patent 5,220,674 disclose local area print server for requesting and storing required resource data and forwarding printer status message to selected destination

Collins et al. U.S. Patent 5,781,714 discloses apparatus and methods for creating and using portable fonts

Maniwa U.S. Patent 5,933,584 discloses network system for unified business

Hiraike et al. U.S. Patent 5,995,718 discloses information processing apparatus which secures an exclusive memory for storing a registered font and method therefor

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Phuoc H. Nguyen whose telephone number is 703-305-5315. The examiner can normally be reached on Mon -Thu (7AM-4:30PM) and off every other Friday.

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David A Wiley can be reached on 703-308-5221. The fax phone numbers for the organization where this application or proceeding is assigned are 703-746-7239 for regular communications and 703-746-7238 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-305-3900.

Phuoc H. Nguyen
Examiner
Art Unit 2143

January 9, 2003



DAVID WILEY
SUPERVISORY PATENT EXAMINER
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